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Protective claims

1. A cable holding device (1), in particular for one or more electrical cables (2) on motor vehicles, with a peripheral element (3) for fixing the cable and with a locking foot (8) for firmly locking the cable holding device in an opening (5) of a motor vehicle door (10) or likewise, characterised in that the peripheral element (3) is closable for completely peripherally encompassing the cable.
2. A cable holding device according to claim 1, characterised in that the peripheral element (3) comprises a snap closure (4) to be opened.
3. A cable holding device according to one of the preceding claims, characterised in that the peripheral element has an essentially annular cross-section perpendicular to the introduction direction (5) of the cable (2).
4. A cable holding device according to one of the preceding claims, characterised in that the peripheral element (3) comprises a guide casing (6) arranged coaxially to the introduction direction (5).
5. A cable holding device according to claim 4, characterised in that the guide casing (6) in the introduction direction (5) of the cable (2) has a length of two to ten times the smallest inner diameter of the peripheral element.
6. A cable holding device according to one of the claims 4 or 5, characterised in that the guide casing (6) in the introduction direction (5) of the cable (2) comprises widened-out ends.

7. A cable holding device according to one of the claims 4, 5 or 6, characterised in that the guide casing (6) is connected to the locking foot (8) via support ribs (19) which belong to the peripheral element (2).

8. A cable holding device according to one of the preceding claims, characterised in that the locking foot (8) comprises several snap lugs (11) for engaging behind the opening (9) of a motor vehicle door (10) or likewise.

9. A cable holding device according to one of the preceding claims, characterised in that the locking foot (8) comprises a sealing lip (12) which may be tensioned on locking the locking foot in the opening (9), for sealing the opening.

10. A cable holding device according to one of the preceding claims, characterised in that this comprises a wedge (13) with an associated wedge guide (14) for expanding [open] and fixing the locking foot (8') in the opening (5).

11. A cable holding device according to claim 10, characterised in that the wedge (13) perpendicular to the guide direction (15) of the wedge guide (14) has a T-shaped cross section.

12. A cable holding device according to one of the preceding claims, characterised in that this is of one piece.

13. A cable holding device according to one of the preceding claims, characterised in that this is of plastic, preferably of polypropylene.

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14. A motor vehicle door which has a supporting base structure with an opening for holding the cable holding device (1).

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Newly submitted patent claims on the basis of which the international preliminary examination is to be made

1. A cable holding device (1), in particular for one or more electrical cables (2) on motor vehicles, with a peripheral element (3) for fixing the cable and with a locking foot (8) for firmly locking the cable holding device in an opening (5) of a motor vehicle door (10) or likewise, wherein the peripheral element (3) is closable for completely peripherally encompassing the cable, characterised in that the cable holding device comprises a wedge (13) with an associated wedge guide (14) for expanding [open] and fixing the locking foot (8') in the opening (5).

2. A cable holding device according to claim 1, characterised in that the peripheral element (3) comprises a snap closure (4) to be opened.

3. A cable holding device according to one of the preceding claims, characterised in that the peripheral element comprises an essentially annular cross-section perpendicular to the introduction direction (5) of the cable (2).

4. A cable holding device according to one of the preceding claims, characterised in that the peripheral element (3) comprises a guide casing (6) arranged coaxially to the introduction direction (5).

5. A cable holding device according to claim 4, characterised in that the guide casing (6) in the introduction direction (5) of the cable (2) has a length of two to ten times the smallest inner diameter of the peripheral element.

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6. A cable holding device according to one of the claims 4 or 5, characterised in that the guide casing (6) in the introduction direction (5) of the cable (2) comprises widened-out ends.

7. A cable holding device according to one of the claims 4, 5 or 6, characterised in that the guide casing (6) is connected to the locking foot (8) via support ribs (19) which belong to the peripheral element (2).

8. A cable holding device according to one of the preceding claims, characterised in that the locking foot (8) comprises several snap lugs (11) for engaging behind the opening (9) of a motor vehicle door (10) or likewise.

9. A cable holding device according to one of the preceding claims, characterised in that the locking foot (8) comprises a sealing lip (12) which may be tensioned on locking the locking foot in the opening (9), for sealing the opening.

10. A cable holding device according to claim 1, characterised in that the wedge (13) perpendicular to the guide direction (15) of the wedge guide (14) has a T-shaped cross section.

11. A cable holding device according to one of the preceding claims, characterised in that this is of one piece.

12. A cable holding device according to one of the preceding claims, characterised in that this is of plastic, preferably of polypropylene.

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13. A motor vehicle door which has a supporting base structure with an opening for holding the cable holding device (1).